



(2-92)

Sheet 1 of 9

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
2792-5178USApplication Number
10/084,609Applicants **Dinerstein et al.**Filing Date **February 27, 2002**Group Art Unit **2613 Unknown**

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Y</i>	5,021,891	06/04/1991	Lee			
	5,107,345	04/21/1992	Lee			
	5,452,104	09/19/1995	Lee			
	5,844,613	12/01/1998	Chaddha			
	5,956,431	09/21/1999	lourcha et al.			
	5,999,655	12/07/1999	Kalker et al.			
	6,031,937	02/29/2000	Graffagnino			
	6,084,908	07/04/2000	Chiang et al.			
	6,233,017 B1	05/15/2001	Chaddha			
	6,246,719 B1	06/12/2001	Agarwal			
	6,272,178 B1	08/07/2001	Niewegowski et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Y</i>		H26L Specification, "ITU-Telecommunications Standardization Sector", pps. 1-46, Study Group 16, Video Coding Experts Group, dated June 28, 2001.
		H26L Specification, "ITU-Telecommunications Standardization Sector", pps. 1-25, Study Group 16, Video Coding Experts Group, dated May 5, 2000.
		Zhu et al., "A New Diamond Search Algorithm for Fast Block-Matching Motion Estimation," pps. 287-290, <u>IEEE Transactions on Image Processing</u> , Vol 9, No.2, dated February 2000.
		Shin et al., "A Center-Bised Hybrid Search Method Using Plus Search Pattern for Block Motion Estimation," pps. 309-312, <u>IEEE International Symposium on Circuits and Systems</u> , dated May 23-31, 2000.

EXAMINER

Y. Lee

DATE CONSIDERED

5/12/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



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Sheet 2 of 2

Form PTO-1449

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Tourapis et al., "Optimizing the MPEG-4 Encoder - Advanced Diamond Zonal Search," pps. 674-677, <u>IEEE International Symposium on Circuits and Systems</u> , May 28-31, 2000.
		MPEG-4 Diamond Search Specification, "Coding of Moving Pictures and Audio", 9 pps, draft of March 25, 2000.

EXAMINER

DATE CONSIDERED

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